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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/700,513	11/05/2003	Takatoshi Okagawa	244925US90	5918
22850 7590 06/27/2007 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER ADHAMI, MOHAMMAD SAJID	
			ART UNIT 2616	PAPER NUMBER
			NOTIFICATION DATE 06/27/2007	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com  
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<b>Office Action Summary</b>	<b>Application No.</b> 10/700,513	<b>Applicant(s)</b> OKAGAWA ET AL.	
	<b>Examiner</b> Mohammad S. Adhami	<b>Art Unit</b> 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 April 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Specification***

1. The abstract of the disclosure is objected to because reference is made to a figure, as shown by the numerical references. Correction is required. See MPEP § 608.01(b).
2. The disclosure is objected to because of the following informalities: On pg.9, lines 21, "coverts" should be "converts".

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:  
  
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
4. Claims 1-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-7 are vague and indefinite as written. For example, the limitations *performing predetermined processing* and *address conversion information* are vague and indefinite.

### ***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-5 and 7 (as best understood) are rejected under 35 U.S.C. 102(b) as being anticipated by Skells (WO 00/33536).

**Re claims 1-5:**

Skells discloses *a routing controller, a first router, and a second router* (Pg.6 line 11 “a network monitor”).

Skells further discloses *a first router* (Pg.13 line 19 “make requests for IP addresses to the DNS” where the DNS is a first router).

Skells further discloses *a second router* (Pg.7 lines 19-20 This enables the proxy process to identify the incoming message as an instruction).

Skells further discloses *receiving a predetermined trigger* (Pg.12 lines 14-19 As an optional feature, the current connections area of the address table can be used to stored additional information about each connection. This may be performance information, for example network latency, throughput, packet sizes and volume, together with any network or transport failures. Once the information has been gathered under the control of the proxy process, it may be transmitted across the network as input for the network monitor).

Skells further discloses *requesting the first router to provide address conversion information in accordance with the received predetermined trigger* (Pg.12 lines 14-19 and Pg.13 line 23 – pg.14 line 3 where address conversion information is provided in accordance with the received trigger).

Skells further discloses *requesting a second router to perform predetermined processing relating to the address conversion information from the first router* (Pg.7 lines 15-27 where the address is processed).

Skells further discloses *the first router providing address conversion information in accordance with the request from the routing controller* (Pg.12 lines 14-19 and Pg.13 line 23 – pg.14 line 3 where the IP address is provided).

Skells further discloses *the second router performing predetermined processing and managing the address conversion information in accordance with the request* (Pg.7 lines 15-27 where the address is processed).

Skells further discloses *changing a destination address included in the received data based on the address conversion information* (Pg.9 lines 14-pg.10 line 2 where the address is changed).

Skells further discloses *performing routing processing based on the changed destination* (Pg.9 line 26 – pg.10 line 2 where the packet is transmitted).

**Re claim 7:**

Skells further discloses *associating a destination address with a predetermined address* (Pg.9 lines 14-pg.10 line 2 where the address is changed).

Skells further discloses *encapsulating the destination address with the predetermined address* (Pg.5 lines 22-26 where the destination address is encapsulated in the packet).

Skells further discloses *routing the received data using the predetermined address* (Pg.9 line 26 – pg.10 line 2 where the packet is transmitted).

***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Skells in view of Shah (US 7,212,527).

**Re claim 6:**

As discussed above, Skells meets all the limitations of the parent claims.

Skells does not explicitly disclose *deleting the address conversion information upon receiving the deleting permission*.

Shah discloses *deleting the address conversion information upon receiving the deleting permission* (Table 1 "delete\_flow").

Skells and Shah are analogous because they both pertain to network communications.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Skells to include deleting address conversion information as taught by Shah in order to maintain an update routing table.

***Conclusion***

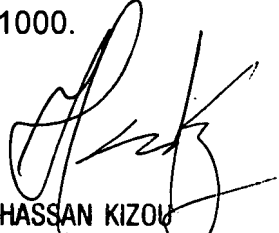
9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Brendel (US 5,774,660) discloses changing an address.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad S. Adhami whose telephone number is (571)272-8615. The examiner can normally be reached on Monday-Friday 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on (571)272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MSA 6/14/2007

  
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